

ARRAY FABRICATION WITH DROP DETECTION

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ABSTRACT OF THE DISCLOSURE

A drop deposition apparatus, and a method and computer program products using the drop deposition apparatus, for fabricating at least one addressable array of biopolymers on a substrate. The drop deposition apparatus has a drop dispenser unit and a sensing element. The method comprises includes for each of multiple addresses, dispensing droplets carrying the biopolymers or biopolymer precursors from a drop dispenser unit onto the sensing element, and onto the substrate so as to fabricate the array. Electrical signals resulting from dispensed droplets striking the sensing element are detected. A performance characteristic of the deposition apparatus is evaluated based on the detected signals.

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